

PCT/PTO/09
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

APPLICANT'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

1242/21PCT/US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5

09/914605

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/US00/11485

28 April 2000 (28.04.00)

29 April 1999 (29.04.99)

TITLE OF INVENTION X-RAY GUIDED DRUG DELIVERY

APPLICANT(S) FOR DO/EO/US VANDERBILT UNIVERSITY and HALLAHAN, Dennis E.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND or SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

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|---|--|---|--|--|--|
| U.S. APPLICATION NO. (37 CFR 1.53) 09/914605 | | INTERNATIONAL APPLICATION NO. US00/11485 | | ATTORNEY'S DOCKET NUMBER 1242/21PCT/US | |
|---|--|---|--|--|--|

| <p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a) (2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</p> <p style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total claims</td> <td>152 -20 =</td> <td>132</td> <td>x \$18.00</td> <td>2,376.00</td> </tr> <tr> <td>Independent claims</td> <td>7 -3 -</td> <td>4</td> <td>x \$80.00</td> <td>320.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$270.00</td> </tr> <tr> <td colspan="4" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS =</td> <td>3,386.00</td> </tr> </table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +</p> <p style="text-align: center;">SUBTOTAL =</p> <p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> <p style="text-align: center;">TOTAL NATIONAL FEE =</p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</p> <p style="text-align: center;">TOTAL FEES ENCLOSED =</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 70%;"></td> <td style="width: 10%;">Amount to be refunded:</td> <td style="width: 20%;">\$</td> </tr> <tr> <td>charged:</td> <td>\$</td> </tr> </table> | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | Total claims | 152 -20 = | 132 | x \$18.00 | 2,376.00 | Independent claims | 7 -3 - | 4 | x \$80.00 | 320.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$270.00 | TOTAL OF ABOVE CALCULATIONS = | | | | 3,386.00 | | Amount to be refunded: | \$ | charged: | \$ | <p>CALCULATIONS PTO USE ONLY</p> | |
|---|------------------------|--------------|------------------|-------------------|--------------|--------------|------|----|--------------|-----------|-----|------------------|----------|--------------------|--------|---|------------------|--------|---|--|--|--|-------------------|--------------------------------------|--|--|--|----------|--|------------------------|----|----------|----|---|--|
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL OF ABOVE CALCULATIONS = | | | | 3,386.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Amount to be refunded: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | charged: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


a. ☒ A check in the amount of \$ 1,693.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 50-0426. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

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| <p>SEND ALL CORRESPONDENCE TO:</p> <p>Arles A. Taylor, Jr. JENKINS & WILSON, P.A. Suite 1400 University Tower 3100 Tower Boulevard Durham, NC 27707 USA</p> |  25297 <small>PATENT TRADEMARK OFFICE</small> | <p style="text-align: center;"><i>Arles A. Taylor, Jr.</i></p> <p style="text-align: center;">SIGNATURE</p> <hr/> <p>Arles A. Taylor, Jr.</p> <p style="text-align: center;">NAME</p> <hr/> <p>39,395</p> <p style="text-align: center;">REGISTRATION NUMBER</p> |
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